

Appl. No 10/616,741

Amdt. Dated

Reply to Office action of 07/12/2004

5 **Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

10 **Listing of Claims:**

1. (Currently amended) A method for controlling operation time of an electric nailer comprising:

a power source providing power at a predetermined voltage;

15 [[an]] a set of electromagnetic coils connected to the power source and actuated to effect ~~and/or~~ and to stop magnetic forces;

a control unit connected to the power source and employed to actuate the electromagnetic coils;

20 a moving member ~~relatively moving driven~~ moved by ~~virtue of~~ the magnetic forces generated ~~effected or stopped~~ by the electromagnetic coils;

~~the characteristics of which lie in:~~ wherein the power source ~~providing~~ provides DC power [[at]] for a predetermined voltage, the DC power source ~~providing~~ provides power for the electromagnetic coils for

~~effecting~~ generating the electromagnetic forces, and supply power to as well
as the control unit for actuating the electromagnetic coils, the control unit
~~serving~~ serves to control the output of the DC power at a standard reference
potential ~~[[or]]~~ and at a predetermined potential, by such arrangements, the
5 control unit having an ability of actuating the electromagnetic coils at any
period of time.

2. (Currently amended) The method for controlling operation time of
an electric nailer as claimed in claim 1, wherein the control unit further
~~comprising~~ comprises a time-control unit connected ~~connecting~~ with a driving
10 unit, the time-control unit ~~connecting~~ is connected to the power source
~~[[while]]~~ and the driving unit ~~linking with~~ is linked to the electromagnetic
coils.

3. (Currently amended) The method for controlling operation time of
an electric nailer as claimed in claim 2, wherein the time-control unit
15 ~~including~~ includes an voltage regulation element, four current limit resistances,
a time-control condenser and a integrated circuit (IC).

4. (Currently amended) The method for controlling operation time of
an electric nailer as claimed in claim 2, wherein the driving unit ~~including~~
includes three voltage-divider resistances and four transistors for serving to
20 actuate the electromagnetic coils.

5. (Original) The method for controlling operation time of an electric
nailer as claimed in claim 1, wherein the moving member is a ram having a
striking pin connected at an end.